

AMENDMENTS TO THE CLAIMS:

Please cancel claim 21, without prejudice. Kindly amend claims 9-13, 16, 19, 22 and 29, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claims 1-8 (Cancelled)

Claim 9 (currently amended): A method of using a printing press, employing working fluids in normal operation, to develop a lithographic printing plate having a subtractive coating, comprising the steps of:

- a) imagewise applying an insolubilizing chemical to said coating;
- b) mounting said plate on said printing press; and
- c) operating said printing press such that the unimaged areas of the coating are dissolved in the working fluids,

wherein said insolubilizing chemical undergoes a chemical reaction with, or facilitates a chemical reaction in said subtractive coating on said plate, making the reaction coating insoluble to a developing solution in said working fluids in which the unreacted coating is soluble.

Claim 10 (currently amended): A method according to claim 9 wherein said coating comprises an acrylate monomers monomer.

Claim 11 (currently amended): A method according to claim 10 wherein said coating also comprises photoinitiators a photoinitiator.

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 12 (currently amended): The method of claim 9 wherein the insolubilizing chemical ~~comprises~~ has at least one amine functional ~~groups~~ group.

Claim 13 (currently amended): The method of claim 9 wherein the insolubilizing chemical is selected from the group consisting of: ~~amine salts, amines, or bases~~ an amino salt, an amine,
and a base.

Claims 14 and 15 (Cancelled)

Claim 16 (currently amended): A method of imaging a lithographic printing plate having a coating comprising one or more monomers and a photoinitiator, comprising the ~~[[step]]~~ steps of:

applying imagewise a co-synergist for initiating a polymerization reaction in a
subsequent heat treatment step; and
heating said coating.

Claims 17 and 18 (Cancelled)

Claim 19 (currently amended): A process for preparing for press a printing plate having a coating comprising one or more epoxy resins, comprising the step of:

applying imagewise to said coating, a water-based solution comprising an amine.

Claim 20 (original): A computer to plate system, comprising:

(a) a print head containing a plurality of ink jet nozzles such that the print head is capable of jetting imagewise a solution,

(b) a printing plate having a coated surface comprising photosensitive compounds capable of being insolubilized by the solution,

(c) a heater capable of heating the printing plate, and

(c) a developer capable of dissolving the non-imaged coating.

Claim 21 (cancelled)

Claim 22 (currently amended): A computer to plate system according to claim 20, wherein said coating contains one or more sulfonic acid esters or amides of a carboxylic or acids.

Claims 23 - 28 (Cancelled)

Claim 29 (currently amended): A computer-to-press system, comprising:

a) a printing press;

b) an ink jet printhead containing an insolubilizing fluid; and

c) an on-press developable printing plate with a subtractive coating that is chemically reactive with said insolubilizing fluid.

Claim 30 (original): A computer-to-press system according to claim 29 wherein said insolubilizing fluid comprises an amine.